

**PROGRAMMABLE OBJECT MODEL FOR EXTENSIBLE MARKUP  
LANGUAGE MARKUP IN AN APPLICATION**

**Abstract**

5           A programmable object model allows a user/programmer to  
programmatically access the Extensible Markup Language (XML) functionality of a  
software application. The programmable object model is comprised of a plurality of  
object-oriented message calls or application programming interfaces for allowing a user  
to access the XML functionality of an application by sending one or more object-oriented  
10 message calls or application programming interfaces to the XML functionality of a given  
application along with any required parameters for customizing or otherwise  
manipulating XML markup applied to a document.